



STIC Search Report

EIC 2100

STIC Database Tracking Number: 119448

TO: Ting Zhou
Location: 4C05
Art Unit : 2173
Thursday, April 15, 2004

Case Serial Number: 09/934401

From: Carol Wong
Location: EIC 2100
PK2-4B33
Phone: 305-9729

carol.wong@uspto.gov

Search Notes

Dear Examiner Zhou,

Attached are the search results for your case. Since I had time this afternoon, I completed the search in the full-text patent files. *and found better art!*

Color tags mark the patents/articles which appear to be most relevant to the case. Pls review all documents, since untagged items might also be of interest. If you wish to order the complete text of any document, pls submit request(s) directly to the EIC2100 Reference Staff located in PK2-4B40.

Pls call if you have any questions or suggestions for additional terminology, or a different approach to searching the case. Finally, pls complete the attached Search Results Feedback Form, as the EIC/STIC is continually soliciting examiners' opinion of the search service.

Thanks,
Carol



File 348:EUROPEAN PATENTS 1978-2004/Apr W01

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File 349:PCT FULLTEXT 1979-2002/UB=20040408,UT=20040401

(c) 2004 WIPO/Univentio

Set	Items	Description
S1	1979	MULTIVIEW? OR MULTIPANE? ? OR MULTIWINDOW? OR MULTIFRAME? - OR MULTIDISPLAY? OR MULTISCREEN?
S2	1356842	MULTIPLE OR MANY OR MULTI OR SEVERAL OR NUMEROUS OR PLURAL? OR MULTIPLICITY OR MULTITUD? OR PLURIF? OR SECOND
S3	1446142	ANOTHER OR PAIR??? ? OR TWO OR DUAL OR NUMBER OR ADDITIONAL
S4	407091	S2:S3(2W) (REGION? ? OR PORTION? ? OR SECTOR? ? OR ZONE? ? - OR SECTION? ? OR AREA? ? OR PART OR PARTS OR PANE OR PANES)
S5	1014470	WINDOW? ? OR FRAME? ? OR SCREEN? ? OR DISPLAY? ? OR VIEW??? ? OR VIEWPORT? OR VIEWSCREEN? ? OR MONITOR? ? OR VIDEODISPLA- Y? OR VIDEOSCREEN? OR VIDEOTERMINAL?
S6	50143	CRT? ? OR VDT? ? OR VDU? ? OR LCD? ? OR VIEWSCREEN?
S7	659572	DIVID??? ? OR DIVISION? ? OR HALF OR HALVE? ? OR HALVING OR SUBDIVID? OR SUBDIVISION? OR BIFURCAT? OR BISECT? OR SPLIT??? ? OR PARTITION??? ?
S8	24534	(S7 OR SPLIT???? ?) (2N) (S5 OR VIEWSCREEN?)
S9	29099	S4 (5N) S5: S6
S10	23	SPLITVIEW? OR SPLITPANE? OR SPLITWINDOW? OR SPLITFRAME? OR SPLITDISPLAY? OR SPLITSCREEN?
S11	51103	S1 OR S8: S10
S12	5877	CERTIFIE? ? OR NONCERTIFIE? ?
S13	260716	SECURE? ? OR NONSECURE? ?
S14	1	S11 (25N) S12
S15	968	S11 (25N) S13
S16	142	S11 (25N) SECURITY
S17	27079	(S13 OR SECURITY) (5N) (DATA OR INFORMATION OR SOURCE? ? OR - MESSAGE? ? OR CONTENT? ? OR OBJECT? ?)
S18	49	S11 (25N) S17
S19	49	S18 NOT S14
S20	49	IDPAT (sorted in duplicate/non-duplicate order)
S21	49	IDPAT (primary/non-duplicate records only)

21/5,K/6 (Item 6 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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00441119

Nonsubvertible security displays especially for page printers.

Unantastbare Sicherheitsanzeige, insbesondere fur Seitendrucker.

Affichages de securite inviolables, en particulier pour imprimantes de page.

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road,
Armonk, N.Y. 10504, (US), (applicant designated states:
BE;CH;DE;ES;FR;GB;IT;LI;NL;SE)

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Strietzel, Arlen Vincent, 7295 Timothy Place, Longmont, Colorado 80501,
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LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 429387 A2 910529 (Basic)
EP 429387 A3 921014

APPLICATION (CC, No, Date): EP 90480115 900810;

PRIORITY (CC, No, Date): US 424848 891020

DESIGNATED STATES: BE; CH; DE; ES; FR; GB; IT; LI; NL; SE

INTERNATIONAL PATENT CLASS: G06K-015/00;

CITED PATENTS (EP A): WO 8605294 A; DE 3621543 A

ABSTRACT EP 429387 A2

Display system having security features that prevent a casual user from modifying or interfering with the printing of **security information**. The system is arranged to have **two display areas**, one fitting the size of the display medium and the other, usually smaller and located within the first, where information can be displayed without restriction.

The information outside the inner area can only be displayed in conformance with a protocol requiring a special authorization. Thus, anything displayed outside the inner area cannot be cancelled or overwritten.

One protocol is the use of security overlays. (see image in original document)

ABSTRACT WORD COUNT: 102

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 910529 A2 Published application (Alwith Search Report
;A2without Search Report)
Examination: 910529 A2 Date of filing of request for examination:
901213
Search Report: 921014 A3 Separate publication of the European or
International search report
Change: 930120 A2 Representative (change)
Change: 930317 A2 Representative (change)
Examination: 950524 A2 Date of despatch of first examination report:
950407
Withdrawal: 960410 A2 Date on which the European patent application
was deemed to be withdrawn: 951018

LANGUAGE (Publication,Procedural,Application): English; English; English

...ABSTRACT security features that prevent a casual user from modifying or interfering with the printing of **security information**. The system is arranged to have **two display areas**, one fitting the size of the display medium and the other, usually smaller and located...

21/5,K/20 (Item 20 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00973168 **Image available**

**SYSTEM AND PROCESS FOR PROVIDING INSTITUTIONAL DIRECTED SPONSORED TRADING
SYSTEME ET PROCEDE DE TRANSACTIONS CAUTIONNEES, POUR LE COMPTE
D'INSTITUTIONS**

Patent Applicant/Assignee:

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Inventor(s):

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Legal Representative:

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East, Los Angeles, CA 90067-3021, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200303142 A2-A3 20030109 (WO 0303142)
Application: WO 2002US13760 20020429 (PCT/WO US0213760)
Priority Application: US 2001893330 20010626

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 8221

English Abstract

An Institution wishing to trade securities may connect to an Electronic Communication Network (100) through a network interface (106). The Institution may then enter orders to buy and sell securities, display such orders (134) to all subscribers to the system, and automatically match and execute orders (134). The Institution may designate a broker to sponsor a particular trade or group of trades. The execution of these orders and other trade-related services are provided to the Institution by the Electronic Communication Network (100) operator. The Institution pays commissions to the Electronic Communication Network (100) operator for trade executions. The Electronic Communication Network (100) operator then reports to the sponsoring brokers the identity of the designating Institutions and the sponsored trading activities executed by the Electronic Communication Network (100) operator for the designating Institutions. The Electronic Communication Network operator also pays a portion of the commission for the sponsored trades to the sponsoring brokers.

French Abstract

Une institution desirant effectuer des transactions de titres peut se relier via une interface reseau un "Reseau electronique de communication". Elle peut entrer des ordres d'achats et de vente de titres, presenter de tels titres a tous les abonnees du systeme, designer un agent de change pour cautionner une transaction particuliere ou un groupe de transactions. Le Reseau electronique de communication assure pour le compte de l'institution et contre retribution l'execution des ordres et celle d'autres services lies aux transactions. L'operateur du Reseau electronique de communication transmet alors a l'agent de change caution l'identite des institutions designantes et des activites commerciales cautionnees executees par l'operateur du Reseau electronique de communication pour le compte des institutions designantes. L'operateur du Reseau electronique de communication paie par ailleurs aux agents de change caution une partie de la commission sur les transactions cautionnees.

Legal Status (Type, Date, Text)

Publication 20030109 A2 Without international search report and to be republished upon receipt of that report.
Search Rpt 20030626 Late publication of international search report
Republication 20030626 A3 With international search report.
Republication 20030626 A3 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Fulltext Availability: Detailed Description

Detailed Description

... to the user of the ECN support application. In the present embodiment, the client main **screen** 200 is **split** into separate independent windows. Security activity windows 202 and 204 may
8
display to the user current market **information** about a selected **security**. Blotter window 206 may display to the user information about the status of the user...

00967479 **Image available**

**METHOD AND SYSTEM FOR MAINTAINING SECURE DATA INPUT AND OUTPUT
PROCEDE ET SYSTEME PERMETTANT DE MAINTENIR LA SECURITE DE L'ENTREE ET DE LA
SORTIE DE DONNEES**

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

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SMITH Jason M, 15817 Northeast 90th Street, Apt. G255, Redmond, WA 98052,
US, US (Residence), US (Nationality), (Designated only for: US)
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HEATON William J, 4917 Evergreen Way, #10, Everett, WA 98203, US, US
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Patent and Priority Information (Country, Number, Date):

Patent: WO 2002101526 A2-A3 20021219 (WO 02101526)
Application: WO 2002US18457 20020610 (PCT/WO US2002018457)
Priority Application: US 2001297273 20010608

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-001/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description
Claims

Fulltext Word Count: 15801

English Abstract

Methods and systems for enhancing the security of data during input and output on a client computer system are provided to prevent attempts by unauthorized code to access, intercept, and/or modify data. Example embodiments provide a plurality of obfuscation techniques and security enhanced drivers that use these obfuscation techniques to prohibit unauthorized viewing/receiving of valid data. When the drivers are used together with the various obfuscation techniques, the security enhanced drivers provide mechanisms for "scheduling" the content of the storage areas used to store the data so that valid data is not available to unauthorized recipients. When unauthorized recipients attempt to access the "data," they perceive or receive obfuscated data. The obfuscation techniques described include "copy-in," "replace and restore," and "in-place replacement" de-obfuscation/re-obfuscation techniques. In one embodiment, a security enhanced display driver, a security enhanced mouse driver, a security enhanced keyboard driver, and a security enhanced audio driver are provided. To complement the security enhancements, the methods and systems also provide for a watchdog mechanism to ensure that the driver is functioning as it should be and various user interface techniques for denoting security on a display device.

French Abstract

Procedes et systemes qui permettent d'ameliorer la securite de donnees pendant l'entree et la sortie sur un systeme informatique de client pour empecher des tentatives visant a acceder a des donnees, a les intercepter

et / ou a les modifier a l'aide d'un code non autorise. La presente invention concerne une pluralite de techniques d'obscurcissement et des pilotes a securite amelioree qui utilisent des techniques d'obscurcissement pour empecher la visualisation / reception non autorisee de donnees valides. Lorsque les pilotes sont utilises avec les differentes techniques d'obscurcissement, les pilotes a securite amelioree fournissent des mecanismes destines a ordonnancer le contenu des zones de stockage utilisees pour la mise en memoire des donnees si bien que des destinataires non autorises ne peuvent avoir acces a des donnees valides. Lorsque des destinataires non autorises tentent d'accéder a ces donnees, ils voient ou recoivent des donnees obscurcies. Les techniques d'obscurcissement comportent des techniques de des-obscurcissement / re-obscurcissement de type <= copier dans >=, <= remplacer et restaurer >= et <= remplacement en place >=. Dans un mode derealisation, ledit systeme comporte un pilote d'affichage a securite amelioree, un pilote de souris a securite amelioree, un pilote de clavier a securite amelioree et un pilote audio a securite amelioree. Pour completer les ameliorations apportees a la securite, les procedes et systemes selon la presente invention comprennent egalement un mecanisme de surveillance pour garantir que le pilote fonctionne comme il le devrait et differentes techniques d'interface d'utilisateur pour l'affichage de la securite sur un dispositif d'affichage.

Legal Status (Type, Date, Text)

Publication 20021219 A2 Without international search report and to be republished upon receipt of that report.
 Examination 20030918 Request for preliminary examination prior to end of 19th month from priority date
 Search Rpt 20031231 Late publication of international search report
 Republication 20031231 A3 With international search report.
 Republication 20031231 A3 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Fulltext Availability:
 Claims

Claim

... buffer is an overlay buffer.
 27 The method of claim 25 wherein the buffer is **another area** of the video **display** memory that is not the portion that corresponds to the region.
 28 The method of claim 25 wherein the buffer is a **secure valid data** buffer.
 29 The method of claim 24 wherein the exclusive locking mechanism is an interprocess...
 ?t21/5,k/22,24,27,36

21/5,K/22 (Item 22 from file: 349)
 DIALOG(R)File 349:PCT FULLTEXT
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00926952 **Image available**

A COMPOSITE DOCUMENT FOR BEARING SECURE INFORMATION, APPARATUS AND METHOD FOR PRODUCING SUCH DOCUMENT
DOCUMENT COMPOSITE SUPPORTANT DES INFORMATIONS SECURISEES, APPAREIL ET PROCEDE DE PRODUCTION DE CE DOCUMENT

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

PRATER Peter John, 3 Grange Court, Hanham, Bristol BS15 3HQ, GB, GB (Residence), GB (Nationality), (Designated only for: US)

Legal Representative:

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GB,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200260771 A1 20020808 (WO 0260771)

Application: WO 2002GB400 20020130 (PCT/WO GB0200400)

Priority Application: GB 20012414 20010131; GB 20012917 20010206; GB 200110332 20010427

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD

SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: B65D-027/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 5200

English Abstract

A method of preparing documents for the transmission of secure information comprises the steps of preparing a first laminar element (13; 37) with a peripheral region (15) separable from a central region (14), printing the secure information on the central region (14) of the first laminar element (13; 37), or on a central region (19) of a second laminar element (12; 36), positioning the two laminar elements (13; 37, 12; 36) in face-to-face relation, with the face of the element bearing the information facing the said other element, and securing the element together around the peripheral regions. Apparatus for preparing secure composite documents comprises a first storage container (25; 47) for the first laminar element (13; 37), a second container (24; 50) for the said second laminar element (12; 36), and means (27, 28, 48, 49) for bringing the first and second laminar elements together in face-to-face relationship after the secure information has been printed on one of them, with the face of the laminar element bearing the printed information facing the other laminar element; and means (51; 48, 49) for securing the two laminar elements together around their peripheral regions.

French Abstract

L'invention concerne un procede de preparation de documents en vue de la transmission d'informations securisees. Ce procede comprend les etapes consistant a preparer un premier element laminaire (13 ; 37) avec une zone peripherique (15) separable de la zone centrale (14), a imprimer les informations securisees sur la zone centrale (14) du premier element laminaire (13 ; 37) ou sur une zone centrale (19) d'un deuxieme element laminaire (12 ; 36) et a positionner les deux elements laminaires (13 ; 37, 12 ; 36) dans une relation face a face avec la face de l'element supportant les informations faisant face audit autre element, et a fixer cet element autour des zones peripheriques. L'invention concerne aussi un appareil pour preparer des documents composites securises. Cet appareil comprend un premier conteneur de memorisation (25 ; 47) pour le premier element laminaire (13 ; 37), un deuxieme conteneur (24 ; 50) pour ledit deuxieme element laminaire (12 ; 36) et des moyens (27, 28, 48, 49) pour amener les premier et deuxieme elements laminaires en face a face une fois les informations securisees imprimees sur l'un de ces elements, la face de l'element laminaire supportant les informations imprimees situees en regard de l'autre element laminaire ; et des moyens (51 ; 48, 49) pour fixer les deux elements laminaires autour de leurs zones peripheriques.

Legal Status (Type, Date, Text)

Publication 20020808 A1 With international search report.

Examination 20021121 Request for preliminary examination prior to end of 19th month from priority date

Correction 20030918 Corrected version of Pamphlet: pages 1/6-6/6,

drawings, replaced by new pages 1/6-8/6; due to late
transmittal by the receiving Office
Republication 20030918 A1 With international search report.

Fulltext Availability:
Detailed Description

Detailed Description

... 37 are superimposed over one another the address panel 44 is visible
through the address window 40. The **second portion** 37b of the
laminar element 37 has a region of 45 for receiving the **secure
information**. No adhesive is applied to the element 37, however, and,
apart from the perforation lines...

21/5,K/24 (Item 24 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00890228 **Image available**

DIGITAL RIGHTS MANAGEMENT

GESTION DE DROITS D'AUTEUR ELECTRONIQUE

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

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US)

ROBBINS Neill, 40 Hillside Road, St. George, Bristol BS5 7PA, GB, GB
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, GB (Residence), GB (Nationality), (Designated only for: US)

Legal Representative:

HUTCHINSON Glenn (agent), Harrison Goddard Foote, Fountain Precinct,
Leopold Street, Sheffield S1 2QD (et al), GB,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200223314 A2-A3 20020321 (WO 0223314)

Application: WO 2001GB4133 20010914 (PCT/WO GB0104133)

Priority Application: GB 200022560 20000914

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-001/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 17990

English Abstract

The present invention relates to digital rights management and more
particularly to a system and method for securely publishing and
controlling the usage of digital content. Advantageously a publisher or
owner of digital content or of a copyrights work can distribute securely
that work in a secure digital form.

French Abstract

La presente invention concerne la gestion de droits d'auteur electronique
et plus particulierement un systeme et un procede permettant de publier
un contenu numerique et de gerer son utilisation, de maniere sure.

Avantageusement, un éditeur ou un propriétaire de contenu numérique ou d'une œuvre protégée peut diffuser cette œuvre de manière sûre, sous une forme numérique sûre.

Legal Status (Type, Date, Text)

Publication 20020321 A2 Without international search report and to be republished upon receipt of that report.

Search Rpt 20030508 Late publication of international search report

Republication 20030508 A3 With international search report.

Republication 20030508 A3 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Fulltext Availability:

Detailed Description

Detailed Description

... is

transferred to the licensing server 104 for use in granting access to the **secure** digital **content**, in response to a request from a prospective purchaser. The lower **half** of the **screen** capture 5a04 shows the content of an out box 5a06 which contains a significant number of **secure** wrapped **content** files. One such file has been partially expanded and is entitled harry-test 5a08. The

21/5,K/27 (Item 27 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00799825 **Image available**

METHOD AND APPARATUS FOR POPULATING A FORM WITH DATA

PROCEDE ET DISPOSITIF DE REMPLISSAGE D'UN FORMULAIRE AU MOYEN DE DONNEES

Patent Applicant/Assignee:

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Inventor(s):

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SCOTT Geoffrey D, 11121 Caminito Arcada, San Diego, CA 92131, US,

Legal Representative:

HECKER Gary A (et al) (agent), The Hecker Law Group, Suite 2300, 1925 Century Park East, Los Angeles, CA 90067, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200133390 A2-A3 20010510 (WO 0133390)

Application: WO 2000US27364 20001004 (PCT/WO US0027364)

Priority Application: US 99430535 19991029

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/24

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 13088

English Abstract

A method and apparatus for populating a form with data is described. In one embodiment of the invention, a form is displayed to the user via the target application. Each form has one or more data receptacles. The data

receptacles of a form are filled with data when the user executes a data population command. The form completion program executes the data population command when a graphical representation of a particular data set is placed over the form. Each data set is stored in an encrypted manner and is accessible to users who enter the appropriate information into an authentication mechanism. To populate a form with data the form completion program obtains an image of the form and then searches for a template file that resembles the form image to within a certain threshold. The template files are typically stored on the computer hosting the target application in a template directory that is arranged according to a predefined structure. The form completion program is configured to search for templates that resemble the form image in the template directory to within a certain threshold.

French Abstract

L'invention concerne un procede et un dispositif servant a remplir un formulaire au moyen de donnees. Dans un mode de realisation de l'invention, un formulaire s'affiche a l'intention de l'utilisateur, par l'intermediaire de l'application cible. Chaque formulaire comporte une ou plusieurs zones destinees aux donnees. Ces zones sont remplies a l'aide de donnees, lorsque l'utilisateur execute une commande de remplissage de donnees. Le programme de remplissage de formulaire execute la commande de remplissage de donnees, quand une representation graphique d'un ensemble de donnees en particulier est place sur le formulaire. Chaque ensemble de donnees est stocke de maniere cryptee, les utilisateurs pouvant y acceder apres avoir entre des informations appropriees dans un mecanisme d'authentification. Pour permettre le remplissage d'un formulaire au moyen de donnees, le programme de remplissage de formulaire obtient un image du formulaire, puis il recherche un modele de document qui ressemble -jusqu'a un certain point- a l'image du formulaire. Les modeles de documents sont generalement stockes dans l'ordinateur qui conserve l'application cible, dans un fichier de modeles concu selon une structure definie prealablement. Le programme de remplissage du formulaire est configure pour aller rechercher, dans le fichier des modeles, des modeles qui ressemblent, jusqu'a un certain point, a l'image du formulaire.

Legal Status (Type, Date, Text)

Publication	20010510	A2 Without international search report and to be republished upon receipt of that report.
Correction	20021114	Corrected version of Pamphlet: pages 1/10-10/10, drawings, replaced by new pages 1/9-9/9; due to late transmittal by the receiving Office
Republication	20021114	A2 Without international search report and to be republished upon receipt of that report.
Correction	20021114	Corrected version of Pamphlet:
Search Rpt	20030530	Late publication of international search report
Republication	20030530	A3 With international search report.
Republication	20030530	A3 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Fulltext Availability:

Claims

Claim

... data from said user via said first display region;
granting said user access to a **second display region** having a graphical representation associated with said data when said user is authenticated.

15 The method of claim 13 further comprising:
storing said **data** in a **secure** storage medium.

0

16 The method of claim 12 wherein said step of determining if...

00769414 **Image available**

COMPUTER SECURITY SYSTEM WITH DEDICATED HARD DRIVES

SYSTEME DE SECURITE INFORMATIQUE COMPORTANT DES DISQUES DURS SPECIFIQUES

Patent Applicant/Assignee:

COMPUGARD INC, 3680 Ryans Bluff, Cumming, GA 30040, US, US (Residence),
US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

PETERSON William F, 847 Hillcrest Road, Lilburn, GA 30047, US, US
(Residence), -- (Nationality), (Designated only for: US)

Patent and Priority Information (Country, Number, Date):

Patent: WO 200102936 A1 20010111 (WO 0102936)

Application: WO 2000US18500 20000706 (PCT/WO US0018500)

Priority Application: US 99350265 19990706

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK

LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL

TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-001/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 2378

English Abstract

A computer security system having a pair of dedicated hard drives, a first drive for the internet and communications software, and a second hard drive for private and confidential information to be protected from destructive viruses and unauthorized access. Switching means are provided to allow the user to access information from the selected hard drive, while securing the second hard drive against intrusion.

French Abstract

Cette invention concerne un systeme de securite informatique qui comprend deux disques durs specifiques, savoir un premier disque pour l'Internet et les logiciels de communication et un second pour les informations privees et confidentielles qui doivent etre protegees contre des virus destructeurs ou des acces illicites. Des systemes de commutation permettent a l'utilisateur d'accéder aux informations du disque dur selectionne tout en protegeant le second disque dur contre toute intrusion.

Legal Status (Type, Date, Text)

Publication 20010111 A1 With international search report.

Publication 20010111 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments.

Correction 20010517 Corrected version of Pamphlet: page 1/1, drawings, replaced by a new page 1/1; due to late transmittal by the receiving Office

Republication 20010517 A1 With international search report.

Examination 20010614 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:

Detailed Description

Detailed Description

... dow

mg

1 5 human user 'interface' wherein each workstation has a plurality of secure
screen' divisions . Security is achieved by providing a display
'interface
coupled to receive data from independent secure processors for each
screen division or from a secure source of data . There is a
physical
restriction on manual input or access to the display interface and...
?t21/5,k/43-46,48

21/5,K/43 (Item 43 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00424455 **Image available**

FINANCIAL TRANSACTION TERMINAL AND COMPONENTS THEREFOR
TERMINAL DE TRANSACTION FINANCIERE ET COMPOSANTS A CET EFFET

Patent Applicant/Assignee:

OMEGA DIGITAL DATA INC,

COVELEY Michael,

Inventor(s):

COVELEY Michael,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9814917 A2 19980409

Application: WO 97CA719 19970930 (PCT/WO CA9700719)

Priority Application: US 9627756 19961001; US 9627780 19961001; US
97821053 19970320; US 9763608 19970617

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN

MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU

ZW GH KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES

FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD

TG

Main International Patent Class: G07F-019/00

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 8648

English Abstract

A financial transaction terminal (14) includes a housing (30) and input means (52) on the housing to allow financial transaction data to be entered therein. A card reader (56) to receive and read credit, debit or smart cards is also provided. A processor (70, 72) in communication with the input means and the card reader receives and processes financial transaction and card data. Radio frequency transmission means transmits the financial transaction and card data to a remote site whereat a transaction (20, 60) can be processed. A secure authorization module receptacle (304) in the housing (30) receives an integrated circuit device (324) storing card security data. The processor accesses the card security data when a card is read by the card reader to validate the same.

French Abstract

L'invention concerne un terminal (14) de transaction financiere comprenant un boitier (30) et des organes (52) de saisie sur ledit boitier permettant d'entrer dans ledit terminal des donnees relatives a la transaction financiere. Ce terminal comporte egalement un lecteur (56) de cartes pour recevoir et lire des cartes a puce, des cartes de credit, ou des cartes de debit. Un processeur (70, 72) relie aux organes de saisie et au lecteur de cartes recoit et traite la transaction financiere et les donnees de la carte. Des moyens de transmission haute frequence transmettent la transaction financiere et les donnees de la carte a un site a distance ou une transaction (20, 60) peut etre traitee. Un receptacle (304) securise de module d'autorisation, situe dans le boitier (30), abrite un dispositif (324) a circuit integre qui memorise les donnees de protection de la carte. Le processeur accede aux donnees de

protection de la carte quand une carte est lue et validee par le lecteur de cartes.

Fulltext Availability:
Detailed Description

Detailed Description

... security software working space. The secure module 72 controls the LCD display 50 -loin a **split - screen** fashion **dividing** the LCD **display** into unsecured and **secure** display areas. The **information** displayed in the **secure** display area is controlled solely by the **secure** module 72 while the **information** displayed in the unsecured display area is controlled by the secure module in conjunction with...

21/5,K/44 (Item 44 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00424453 **Image available**

A METHOD OF ASSEMBLING AND PROGRAMMING A SECURE PERSONAL IDENTIFICATION
NUMBER ENTRY DEVICE
PROCEDE POUR ASSEMBLER ET PROGRAMMER UN DISPOSITIF SECURISE D'ENTREE DE
NUMERO D'IDENTIFICATION PERSONNELLE

Patent Applicant/Assignee:

OMEGA DIGITAL DATA INC,

Inventor(s):

COVELEY Michael,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9814915 A2 19980409

Application: WO 97CA717 19970930 (PCT/WO CA9700717)

Priority Application: US 9627781 19961001; US 97821732 19970320

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN

MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW

GH KE LS MW SD SZ UG ZW AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT

SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: G07F-007/08

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 4555

English Abstract

A method of assembling and programming a secure personal identification number entry device is disclosed whereby the secure personal identification number entry device is programmed with security software including an encryption algorithm by way of an external port on the secure personal identification number entry device after the secure personal identification number device has been fully assembled.

French Abstract

L'invention concerne un procede pour assembler et programmer un dispositif sur d'entree de numero d'identification personnelle, par lequel ce dispositif sur d'entree de numero d'identification personnelle est programme avec un logiciel de securite comprenant un algorithme de cryptage au moyen d'un point d'accès extérieur situe sur le dispositif securise d'entree de numero d'identification personnelle, apres l'assemblage complet dudit dispositif.

Fulltext Availability:
Detailed Description

Detailed Description

... security software working space. The secure module 72 controls the LCD display 50 in a **split - screen** fashion **dividing** the LCD **display** into unsecured and **secure** display areas. The **information** displayed in

duplicate
(see above)

the **secure** display area is controlled solely by the **secure** module 72 while the **information** displayed in the unsecured display area is controlled by the secure module in conjunction with...

21/5,K/45 (Item 45 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00418748 **Image available**

SYSTEMS AND METHODS FOR SECURE TRANSACTION MANAGEMENT AND ELECTRONIC RIGHTS PROTECTION

SYSTEMES ET PROCEDES DE GESTION DE TRANSACTIONS SECURISEES ET DE PROTECTION DE DROITS ELECTRONIQUES

Patent Applicant/Assignee:

INTERTRUST TECHNOLOGIES CORP,

Inventor(s):

GINTER Karl L,
SHEAR Victor H,
SIBERT W Olin,
SPAHN Francis J,
VAN WIE David M,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9809209 A1 19980305

Application: WO 97US15243 19970829 (PCT/WO US9715243)

Priority Application: US 96706206 19960830

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN
MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
GH KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI
FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: G06F-001/00

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 195626

English Abstract

The present invention provides systems and methods for electronic commerce including secure transaction management and electronic rights protection. Electronic appliances such as computers employed in accordance with the present invention help to ensure that information is accessed and used only in authorized ways, and maintain the integrity, availability, and/or confidentiality of the information. Secure subsystems used with such electronic appliances provide a distributed virtual distribution environment (VDE) that may enforce a secure chain of handling and control, for example, to control and/or meter or otherwise monitor use of electronically stored or disseminated information. Such a virtual distribution environment may be used to protect rights of various participants in electronic commerce and other electronic or electronic-facilitated transactions. Secure distributed and other operating system environments and architectures, employing, for example, secure semiconductor processing arrangements that may establish secure, protected environments at each node. These techniques may be used to support an end-to-end electronic information distribution capability that may be used, for example, utilizing the "electronic highway".

French Abstract

La presente invention concerne des systemes et des procedes de commerce electronique comprenant une gestion de transactions securisees et la protection de droits electroniques. Des appareils electroniques tels que des ordinateurs utilises conformement a la presente invention contribuent a assurer que l'accès aux informations et l'utilisation des informations ne se font que par des voies autorisees et ils maintiennent l'integrite, la disponibilite et/ou la confidentialite des informations. Des sous-systemes securises utilises avec ces appareils electroniques constituent un environnement de distribution virtuel (VDE) reparti

pouvant faire valoir une chaîne sécurisée de traitement et de commande, par exemple, pour commander et/ou mesurer ou encore contrôler l'utilisation d'informations mémorisées ou disséminées électroniquement. Cet environnement de distribution virtuel peut être utilisé pour protéger les droits de divers participants dans le commerce électronique et dans d'autres transactions électroniques ou dans lesquelles intervient l'électronique. Des environnements et des architectures de systèmes repartis sécurisés et autres systèmes d'exploitation emploient, par exemple, des arrangements de traitement à semi-conducteurs sécurisés pouvant établir des environnements protégés sécurisés à chaque nœud. On peut utiliser ces techniques pour apporter un soutien à une capacité de distribution d'informations électroniques de bout-en-bout pouvant être utilisées, par exemple, en empruntant l'"autoroute électronique".

21/5,K/46 (Item 46 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00390588 **Image available**

A METHOD AND APPARATUS FOR POSITIVE IDENTIFICATION, VALIDATION OF STATUS AND CORRELATION OF BAR CODE INFORMATION INCLUDING SECURE IMAGE CAPTURE AND CHARACTER RECOGNITION

PROCEDE ET APPAREIL POUR IDENTIFICATION POSITIVE, VALIDATION D'ETAT ET CORRELATION D'INFORMATION RELATIVE A UN CODE A BARRES, COMPORTANT UNE SAISIE DE DONNEES SECURISEE ET UNE RECONNAISSANCE DE CARACTERES

Patent Applicant/Assignee:

ERUDITE TECHNOLOGY III INC,

CARTER Harold B Jr,

Inventor(s):

CARTER Harold B Jr,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9731331 A1 19970828

Application: WO 97US2170 19970226 (PCT/WO US9702170)

Priority Application: US 96605449 19960226; US 96609315 19960301

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN

MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN GH KE

LS MW SD SZ UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR

IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: G06K-009/00

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 9810

English Abstract

A system of identifying an instrument (210) with a high degree of accuracy includes capturing data from the instrument which has a multi-layered permanent or semi-permanent memory. The multi-layered memory includes data having a header including a field uniquely determining the format of stored identity data. The data, at least in part, preferably comprises bar coded data stored in an intermediate layer of said memory not visible to the naked eye. Also, the image capture unit retrieves elsewhere stored identity data, such as on the surface or reverse of the instrument for correlation with the intermediate layer data.

French Abstract

Un système d'identification très précise d'un instrument (210) comporte une saisie de données provenant de l'instrument pourvu d'une mémoire multicouche permanente ou semi-permanente. La mémoire multicouche est porteuse de données pourvues d'un en-tête comportant une zone déterminante que la structure de données d'identité mémorisées. Les données, partiellement du moins, comportent, de préférence, des données codées sous forme de barres, mémorisées dans une couche intermédiaire de ladite mémoire et invisibles à l'œil nu. L'unité de saisie d'image est

egalement en mesure d'extraire les donnees d'identite memoisees
autrement, sur la face ou le dos de l'instrument, par exemple, en vue
d'une correlation avec les donnees de la couche intermediaire.

Fulltext Availability:
Detailed Description

Detailed Description

... may be performed by comparing the graphic and/or holographic current
image data via a " **split screen** " digital processing program of
processor 220 with the previously stored and recently retrieved images
and/or **information** . A **security** officer or, further to this credit
card example, the person authorized to complete the commercial...

21/5,K/48 (Item 48 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00343993 **Image available**

FREE-ROAMING REMOTE HAND-HELD POINT-OF-SALE TERMINAL

TERMINAL POINT DE VENTE PORTATIF A DISTANCE A LIBRE ITINERANCE

Patent Applicant/Assignee:

OMEGA DIGITAL DATA INC,

COVELEY Michael,

Inventor(s):

COVELEY Michael,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9626505 A1 19960829

Application: WO 96CA104 19960222 (PCT/WO CA9600104)

Priority Application: GB 953662 19950223

Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB

GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL

PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN KE LS MW SD SZ UG AZ

BY KG KZ MD RU TJ TM AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF

BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: G07F-007/08

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 9944

English Abstract

A financial transaction system (10) is provided in which a user is given
a portable RF financial transaction terminal (20) with which to enter
transaction data via a keypad (52) or read a UPC bar code on merchandise
via a CCD scanner (42) and read their credit, debit or smart card. The RF
financial transaction terminal (20) transmits the transaction and card
data to a central network controller (12) via a RF communications link.
The central network controller (12) in turn conveys the transaction and
card data to the host computers at a financial institution where the
transaction is processed in real-time. The financial institutions return
verification data to the central network controller which is passed back
to the RF financial transaction terminal via the RF communications link.
The RF financial transaction terminal then generates a printed receipt of
the transaction for the user. All of this may be done while the RF
financial transaction terminal and the user's credit, debit or smart card
remains in the total custody of the user. The user is therefore relieved
from having to proceed to an ABM, retail platform, cashier's desk, etc.

French Abstract

L'invention presente un systeme de transaction financiere (10) selon
lequel un terminal de transaction financiere H.F. portatif (20) est
attribue a un utilisateur pour lui permettre d'entrer un mouvement au
moyen d'un clavier numerique (52) ou de lire un code a barres du code
universel des produits (CUP) a l'aide d'un lecteur optique de type CDD
(42) et de lire des informations portees sur sa carte de credit, de

retrait ou sa carte a puce. Le terminal de transaction financiere H.F. portatif (20) transmet la transaction et les donnees de carte a un controleur central de reseau (12) sur une liaison de telecommunications H.F. Le controleur central de reseau (12) transfere, a son tour, la transaction et les donnees de carte a des ordinateurs hotes d'une institution financiere ou la transaction est traitee en temps reel. Les institutions financieres renvoient les donnees de verification au controleur central de reseau lesquelles sont retournees au terminal de transaction financiere H.F. sur la liaison de telecommunications H.F. Le terminal de transaction financiere H.F. produit alors un reçu imprime de la transaction a l'intention de l'utilisateur. Tout ceci peut se faire alors que le terminal de transaction financiere H.F. et la carte de credit, de retrait ou la carte a memoire demeurent en la possession de l'utilisateur, qui, de ce fait, ne se trouve plus dans l'obligation de recourir a un guichet automatique bancaire, un point de vente de detail, une caisse, etc.

Fulltext Availability:

Detailed Description

Detailed Description

... the functions discussed above. The secure module 28 controls the LCD display 50 in a **split - screen** fashion **dividing** the LCD display into unsecured and **secure** display areas. The **information** displayed in the **secure** display area is controlled solely by the **secure** module 28 while the **information** displayed in the unsecured display area is controlled by the secure module 28 in conjunction...

Duplicate

?